

What is claimed is:

1. An information system for use in a hospital,
comprising:

5 a plurality of subsystems comprising:

a terminal inputting and outputting data
relating to medical activities;

a server controlling the data; and

a hospital information management system
10 managing the data processed in the subsystems,
wherein

said server controls communications of the
data between said terminal and said hospital
information management system; and

15 at least one of said plurality of subsystems
comprises a mobile terminal capable of
communicating data of the medical activities to be
input and output at an execution site of the
medical activities with said hospital information
20 management system.

2. The system according to claim 1, wherein

said terminal communicates the data with said
hospital information management system through a
25 wireless communications line.

3. The system according to claim 1, wherein
said terminal further comprises a read unit
reading identification information.

5

4. In information system which manages
information relating to medical activities on
patients at different places, comprising:

an information management system managing
10 information about more than one predetermined
medical facilities;

a mobile terminal inputting and outputting
data relating to the medical activities executed at
an execution site where the medical activities are
15 executed in the medical facilities; and

a server controlling communications of medical
activity data between said mobile terminal and said
hospital information management system.

20 5. An information system for use in a hospital,
comprising:

a mobile terminal inputting and outputting
data relating to medical activities at an execution
site of the medical activities in a hospital;

25 a hospital information management system

managing information in the hospital; and

a server controlling communications of data relating to medical activities between said mobile terminal and said hospital information management
5 system.

6. The system according to claim 5, further comprising:

a stationary terminal inputting and outputting
10 data relating to medical activities; and

a second server controlling communications of medical activity data between said stationary terminal and said hospital information management system.

15

7. The system according to claim 5, further comprising

an order entry unit recording an order relating to medical activities, wherein:

20 said hospital information management system comprises:

a job schedule data generation unit generating job schedule data indicating a job scheduled to be executed in response to the order
25 recorded by said terminal; and

said mobile terminal comprises:

a job schedule data acquisition unit
obtaining the job schedule data generated by said
hospital information management system; and

5 a display control unit displaying the
job schedule data on said mobile terminal.

8. The system according to claim 7, wherein
said mobile terminal displays the job schedule
10 data designated at an instruction to select from
among options of working hours, patients, wards,
and job types.

9. The system according to claim 7, wherein
15 said mobile terminal displays job schedule
data obtained by said job schedule data acquisition
unit or obtained by designating the job schedule
data by said display control unit.

20 10. The system according to claim 7, wherein
said mobile terminal designates the job
schedule data by said job schedule data acquisition
unit obtaining only the job schedule data
corresponding to the instruction relating to the
25 working hours or said display control unit

controlling a display of the job schedule data only corresponding to the instruction, and displays the designated job data.

5 11. The system according to claim 7, wherein
said mobile terminal designates the job
schedule data by said job schedule data acquisition
unit obtaining only the job schedule data
corresponding to the instruction relating to the
10 patients or said display control unit controlling a
display of the job schedule data only corresponding
to the instruction, and displays the designated job
data.

15 12. The system according to claim 7, wherein
said mobile terminal designates the job
schedule data by said job schedule data acquisition
unit obtaining only the job schedule data
corresponding to the instruction relating to the
20 job types or said display control unit controlling
a display of the job schedule data only
corresponding to the instruction, and displays the
designated job data.

25 13. The system according to claim 7, wherein

said mobile terminal designates the job schedule data by said job schedule data acquisition unit obtaining only the job schedule data corresponding to the instruction relating to the wards or said display control unit controlling a display of the job schedule data only corresponding to the instruction, and displays the designated job data.

10 14. The system according to claim 5, wherein
said medical activities includes an activity belonging to any of an injection, nursing, a treatment, and examinations and measurement.

15 15. The system according to claim 7, wherein
said display control unit allows said mobile terminal to display the job schedule data as sorted into data of unexecuted jobs and data of executed jobs, and, when an unexecuted job is input to said
20 mobile terminal as an executed job, transfers the job schedule data from an unexecuted job group to an executed job group.

16. The system according to claim 5, wherein
25 said hospital information management system

manages a job execution schedule relating to medical activities performed on patients, and

said information system compares patient identification information assigned to a patient
5 for identification of the patient and container identification information assigned to a container for identification of the container containing an injection medicine to be dosed to a patient by an injection to be performed on the patient with an
10 instruction of an injection for the patient listed in the execution schedule, and outputs contents of the instruction from said mobile terminal when a comparison result refers to matching.

15 17. The system according to claim 16, wherein
in the comparison, the container identification information is first compared with the instruction, and when it is determined that the comparison result refers to matching, the patient
20 identification information input to the terminal is compared with the instruction.

18. The system according to claim 5, wherein
said hospital information management system
25 manages an execution schedule of a job of medical

activities performed on a patient, and when container identification information assigned to a container containing an injection medicine to be dosed to a patient by an injection is transmitted
5 from said mobile terminal, searches a job execution record relating to the medical activities for an execution record about a checking process of a medicine mixed in the container and instructed to be dosed to the patient by the injection.

10

19. The system according to claim 18, wherein
when the execution record about the checking process is detected, said hospital information management system transmits the presence of the
15 execution record to said mobile terminal.

20. The system according to claim 5, wherein:
said hospital information management system manages a job execution schedule about medical
20 activities performed on a patient;

when container identification information indicated on a container for identification of the container containing an injection medicine to be dosed to the patient by an injection is input to
25 said mobile terminal, said information system

determines whether or not an instruction about the injection for the patient contained in the execution schedule has been changed after the indication of the container identification
5 information on the container.

21. The system according to claim 20, wherein:

said container identification information can contain change information indicating that the
10 instruction about the injection for the patient contained in the execution schedule has been changed after indicating the container identification information on the container separately from information for exclusive
15 identification of the container; and

when the instruction about the injection for the patient in the execution schedule has been changed, said hospital information management system manages the container identification
20 information changed to indicate the change information showing the change as information showing an instruction about an injection for the patient in the execution schedule.

25 22. An information system for use in a hospital,

comprising:

a terminal inputting execution data about
executed medical activities; and

a hospital information management system
5 managing execution data input to said terminal,
wherein

said terminal separately inputs starting data
indicating that medical activities have been
started and ending data indicating that the medical
10 activities have been completed.

23. The system according to claim 22, wherein
said medical activities are instillation.

15 24. The system according to claim 22, wherein
said terminal is a mobile terminal.

25. The system according to claim 22, wherein
said starting data and ending data indicate
20 date and time data together with an executor of a
medical activity, an execution site of the medical
activity, execution contents of the medical
activity, and a patient who receives the medical
activity.

26. The system according to claim 22, wherein
upon receipt of the starting data, said
hospital information management system compares a
time at which a job for completing a medical
5 activity relating to the starting data with a
scheduled time of the job for completing the
medical activity, and changes the scheduled time
based on a comparison result.

10 27. An information system for use in a hospital,
comprising:

a terminal inputting and outputting data
relating to medical activities;

a server system communicating the data with
15 said terminal; and

a hospital information management system
recording information communicated by said server
system in the hospital, and centrally managing the
information, wherein

20 said terminal comprises:

a scheduled medical job data
input/output unit inputting and outputting data of
medical activities normally scheduled and
transmitted as instructions from said server system

25 according to a medical order; and

an unscheduled medical job data input/output unit inputting and outputting data of medical activities unscheduled and not transmitted as instructions from said server system.

5

28. The system according to claim 27, wherein data of an unscheduled medical activity data is measurement data relating to an unscheduled measurement.

10

29. The system according to claim 28, wherein measurement data relating to the unscheduled measurement includes measurement data of at least a temperature, pulses, aspiration, or a blood pressure.

15

30. The system according to claim 27, wherein data of an unscheduled medical activity is medicine name data indicating a name of a medicine in a broken injection bottle.

20

31. The system according to claim 30, wherein said unscheduled medical job data input/output unit inputs the name of the medicine in the broken injection bottle by reading an identification code

25

attached to the injection bottle by an identification code reader provided for said terminal, or by a user of said terminal manually inputting the code.

5

32. An information system for use in a hospital, comprising:

a terminal inputting and outputting data by executing a program; and

10 a server system communicating the data with said terminal; wherein:

when a request to terminate a connection between said terminal and said server system is received from said terminal, said server system
15 transmits, to said terminal, data for update of a program being executed by said terminal; and

said terminal updates the program based on the data transmitted from said server system and used for the update.

20

33. An information system for use in a hospital, comprising:

a terminal inputting and outputting data by executing a program; and

25 a server system communicating the data with

said terminal; wherein:

said terminal updates the program being executed by said terminal based on the data transmitted from said server system and used for
5 update of the program;

when the request for a connection between said terminal and said server system is transmitted from said terminal, said server system transmits information about availability of an updated to
10 said terminal; and

when the information transmitted from said server system indicates that the updated program is available, said terminal executes the updated program, and inputs and outputs the data.

15

34. An information system for use in a hospital, comprising:

a terminal inputting and outputting data by executing a program; and

20 a server system communicating the data with said terminal; wherein:

said server system contains data for use in updating a program being executed by said terminal, and can set in said server system a starting date
25 from which the program is available by said

terminal after update;

said terminal is configured to update the program based on the data transmitted from said server system for use in the update;

5 when said server system is connected to said terminal before the set starting date and the data for use in the update is not transmitted from said server system to said terminal, said server system transmits the data to the terminal to store the
10 data in;

when said server system is connected to said terminal after the set starting date and the data for use in the update is transmitted from said server system to said terminal, said server system
15 allows said terminal to update the program based on the data; and

when said server system is connected to said terminal after the set starting date and the data for use in the update is not transmitted from said
20 server system to said terminal, said server system transmit the data to said terminal and allows said terminal to store the data and update the program based on the data.

25 35. The system according to claim 32, wherein

data input and output by said terminal relates to medical activities.

36. The system according to claim 32, wherein
5 said terminal ignores other input to said terminal when said terminal receives data from said server system for use in updating the program.

37. A server system which is a component of an
10 information system for use in a hospital, comprising:

 a data communications device communicating data with a terminal which is a component of the information system and inputs and outputs data by
15 executing a program; and

 an update data transmission unit transmitting, to the terminal, data for use in updating a program being executed by the terminal when a request to terminate a connection is received from the
20 terminal.

38. A server system which is a component of an information system for use in a hospital, comprising:

25 a data communications device communicating

data with a terminal which is a component of the information system and inputs and outputs data by executing a program;

an update data transmission unit transmitting,
5 to the terminal, data for use in updating program being executed by the terminal; and

a program availability information transmission unit transmitting information about availability of a program after update to the
10 terminal when a request for a connection is received from the terminal.

39. A terminal which is a component of an information system for use in a hospital,
15 comprising:

an input/output unit inputting and outputting data by executing a program;

a data communications device communicating the data with a server system which is a component of
20 the information system; and

a program update unit updating the program based on data transmitted from the server system for use in updating the program, wherein

said input/output unit inputs and outputs data
25 by executing an updated program when information

transmitted from the server system at a request transmitted to the server system to connect to the server system indicates availability of the updated program.